

Converting Colors

`RYB(195, 248, 212)`

Have a look what the booklet for
RYB(195, 248, 212) contains.

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Color

R_YB(195, 248, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E7F8C3
RGB	231, 248, 195
RGB Percent	91%, 97%, 76%
CMY	0.0941, 0.0275, 0.2353
CMYK	0.07, 0.00, 0.21, 0.03
HSL	79°, 79%, 87%
HSV	79°, 21%, 97%
XYZ	76.3727, 88.0639, 64.6025
YIQ	236.8750, 6.8810, -20.0870

Conversions

Conversions Part 2

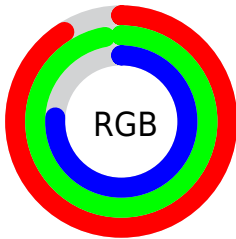
Format	Color
RYB	195, 248, 212
Decimal	15202499
CIELab	95.19, -14.42, 23.64
CIElCh	95, 27.694, 121.374
Yxy	88.0639, 0.3334, 0.3845
Android (android.graphics.Color)	4293392579 (0xFFE7F8C3)
YUV	236.8750, -20.6444, -5.1524
Hunter-Lab	93.8423, -18.9535, 24.8735

Details

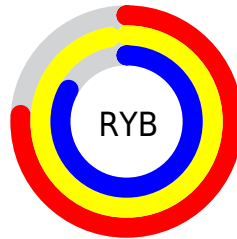
The RYB color **195, 248, 212** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **212, 195, 248**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **252, 255, 252**, and **141, 192, 158** is the 20% darker color. If you saturate the color by 10%, you get **170, 248, 195**, and if you desaturate by 10%, it is **220, 248, 229**.

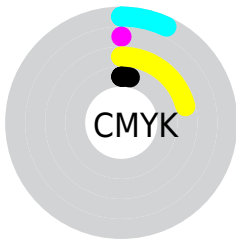
Distribution



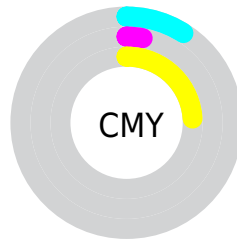
- Red (91%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 248, 212 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 195, 248, 212 by changing the saturation by 10% instead.

195, 248, 212

255, 255, 255

252, 255, 252

195, 248, 212

168, 219, 184

141, 192, 158

115, 164, 131

90, 138, 106

67, 113, 83

44, 88, 60

22, 65, 38

0, 43, 15

0, 24, 24

 195, 248, 212

 195, 248, 212

 170, 248, 195

 220, 248, 229

 145, 248, 178

 245, 248, 246

 121, 248, 162

 255, 248, 255

 96, 248, 145

 71, 248, 128

 46, 248, 111

 21, 248, 94

 0, 248, 80

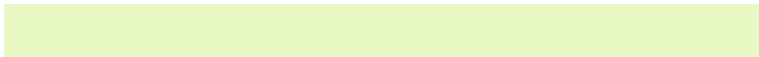
Harmonies

Analogous

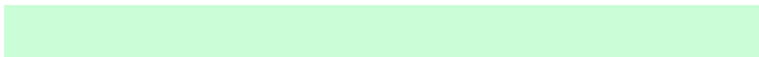
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



207, 255, 188



195, 248, 212



201, 243, 254

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 248, 212



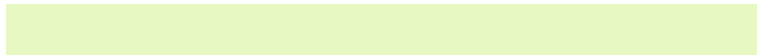
180, 216, 255



255, 222, 241

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



195, 248, 212



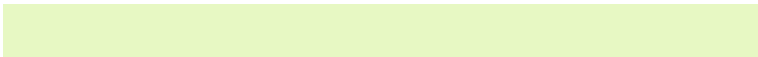
212, 195, 248

Split Complementary

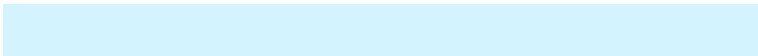
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 226, 255



195, 248, 212



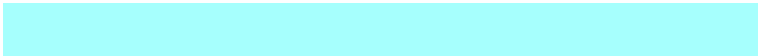
211, 230, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



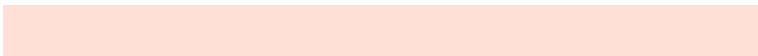
195, 248, 212



166, 211, 255



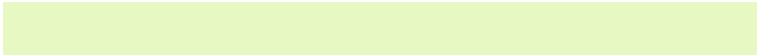
247, 234, 255



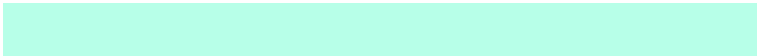
255, 227, 214

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 248, 212



183, 226, 255



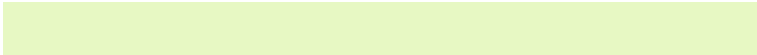
247, 234, 255



255, 223, 250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



195, 248, 212



240, 255, 245



248, 220, 195



119, 128, 122



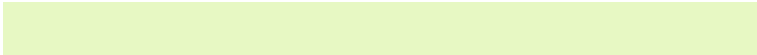
0, 0, 0



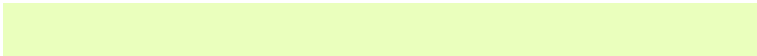
128, 128, 128

Same Dimension

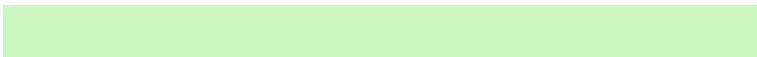
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 248, 212



189, 255, 210



195, 248, 238



112, 125, 116



0, 189, 61



0, 61, 19

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



212, 195, 248



210, 189, 255



238, 195, 248



116, 112, 125



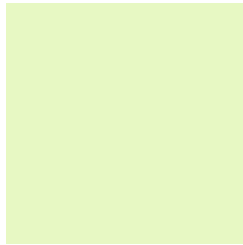
61, 0, 189



20, 0, 61

Previews

White Background



This preview shows how the RYB color 195, 248, 212 looks on a white background.

Color Contrast Check

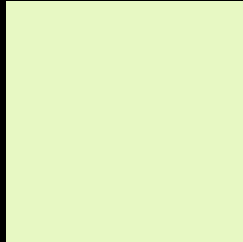
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 195, 248, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

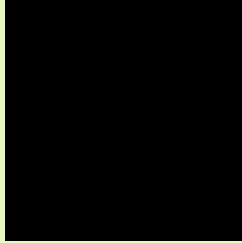
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

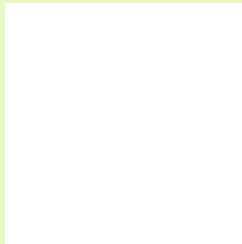
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 195, 248, 212 Background



This preview shows how black text looks on a background with the RYB color 195, 248, 212.

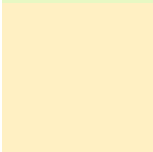


This preview shows how white text looks on a background with the RYB color 195, 248, 212.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

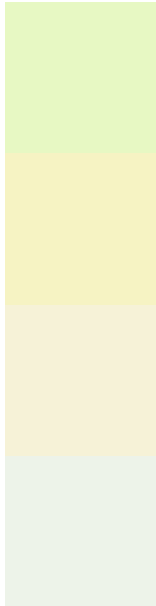
	Original Color 195, 248, 212
	Protanopia 215, 255, 195
	Deuteranopia 255, 245, 227



Tritanopia

240, 240, 255

Trichromacy



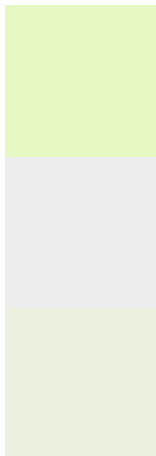
Original Color
195, 248, 212

Protanomaly
198, 246, 195

Deuteranomaly
220, 246, 215

Tritanomaly
233, 243, 239

Monochromacy



Original Color
195, 248, 212

Achromatopsia
237, 237, 237

Achromatomaly
222, 241, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 248, 212 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 248, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 248, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 248, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 248, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 248, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 248, 195) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(231, 248, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(231, 248, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 248, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 248, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 248,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 248, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 248, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
248, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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